

U.S. Army Influenza Activity Report

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to enlarge.

Week Ending 28 January 2012 (Week 4)

All data are preliminary and may change as more reports are received.

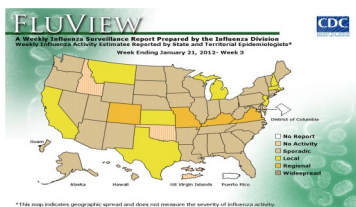
2011-2012 Seasonal Influenza Vaccination Coverage As of 31 JAN 2012

95%	DOD
96%	Army Active Duty
92%	Army Guard
79%	Army Reserve

SYNOPSIS: Influenza activity appears to be increasing, although overall activity this season is lower than the 2010-2011 season.

- **Viral specimens:** Of 224 specimens submitted for week four of 2012, 8% were positive for influenza A.
- **Influenza cases:** 66 influenza cases have been reported in DRSI through week four of the 2011-2012 season. Eleven cases of influenza were hospitalized; there have been no fatalities.
- **Outpatient ILI surveillance:** ILI activity within ESSENCE indicates both AD and beneficiary visits remain lower this year than last year.
- **Army MEDCEN & reporting trend:** Increases in the proportion of influenza positive tests have been noted in DRSi and Army MEDCEN testing, including a 5% increase in Influenza A percent positives for week four.

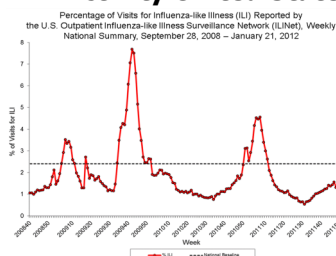
Geographic Influenza Spread



United States and Mexico:

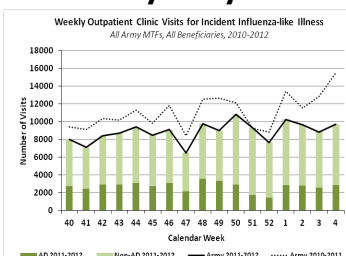
- No states reported widespread influenza activity.
- Four states reported regional activity (Colorado, Kentucky, Missouri, and Virginia).
- The remaining states and territories reported sporadic cases or no influenza.
- Mexico: An Influenza A/pH1N1 outbreak has resulted in 1,459 confirmed cases and 29 deaths. Most cases have centered around Mexico City and surrounding states.

ILI Activity United States



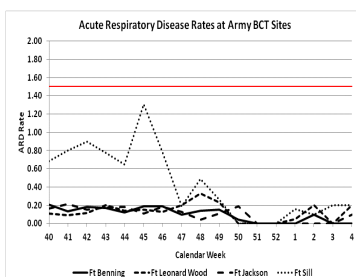
- For week three (2012), 1.4% of outpatient visits reported through ILINet were due to influenza-like illness (ILI).
- This percentage is below the national baseline of 2.4%.

ILI Activity Army



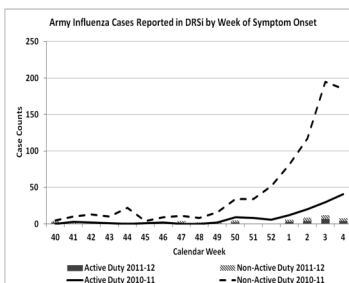
- Army ILI outpatient visits were 28% lower during the last four weeks of the 2011-2012 season compared to last year.
- Week four visit counts are slightly elevated in comparison to the previous week; last season an earlier, steeper increase marked the start of a temporal peak.

Acute Respiratory Disease Surveillance



- ARD rates remain low at all BCT sites.
- Although fewer cases are occurring, type 4 ADV remains the predominant strain at all BCT sites.
- Type 3 ADV is present at Ft. Jackson.

DRSi Influenza Case Reporting

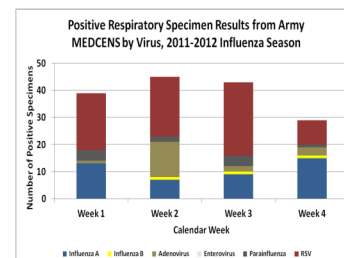


- 66 cases of influenza have been reported in the 2011-2012 season.
- Twenty-six (39%) were among active duty Soldiers, and 40 (61%) were among dependents.
- Eleven (17%) cases required hospitalization.

Army Laboratory Testing

Army MEDCEN Laboratory Results					
Test Result	Week 1	Week 2	Week 3	Week 4	Total
Influenza A	13	7	9	15	44
Influenza B	0	1	1	1	3
Adenovirus	1	13	2	3	19
Enterovirus	0	0	0	0	0
Parainfluenza	4	2	4	1	11
RSV	21	22	27	9	79
Negative	359	229	252	195	1035
Total Results	398	274	295	224	1191

- In the last 4 weeks, 159 (13%) of the 1,191 samples submitted were positive for a respiratory disease organism.
- Of positive samples, 50% were identified as RSV.
- Parainfluenza and adenovirus accounted for 7% and 12% of all positive samples, respectively.
- Influenza A accounted for 28% of positive specimens. In week four (2012) there was a 5% increase in positive influenza A specimens over the previous month's average (3%).
- Seven MEDCENs submitted reports for week four (2012).



Additional Resources: CDC; AFHSC Influenza Reports; Army Influenza Reports; ARD Reports; NHRC FRI Reports ; DoD Global Influenza Surveillance Program; DoD Pandemic Influenza Watchboard

Key: ILI - Influenza-Like Illness; DRSI- Disease Reporting System Internet; ARD - Acute Respiratory Disease; NHRC - Naval Health Research Center; ADV - Adenovirus; RSV - Respiratory Syncytial Virus

Questions?

<http://phc.amedd.army.mil>